

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	96	((("5645433") or ("5639247") or ("6222377") or ("6222377") or ("6677772") or ("6814585") or ("6828768") or ("6831452") or ("4531799") or ("6288555") or ("6384470") or ("6794887") or ("6951482") or ("5009613") or ("5982187") or ("5377677") or ("6034532") or ("5952843") or ("6232669") or ("5945837") or ("6172413") or ("6208155") or ("5387872") or ("5416592") or ("5921786") or ("6137296") or ("6292003") or ("6350137") or ("6362642") or ("6384426") or ("6429672") or ("6704670") or ("6878016") or ("5980335") or ("6397460") or ("5225773") or ("6072190") or ("6174744") or ("4820207") or ("5638628") or ("4625738") or ("4838001") or ("4966592") or ("5229539") or ("5242202") or ("5327292") or ("5509918") or ("5700265") or ("5778271") or ("5924003")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 21:54
S1	3847	324/754.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 21:54
S2	194920	plunger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:45
S3	227	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:48
S4	5	S3 and (thread near2 screw)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:46
S5	60	S3 and spring and barrel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:32

## EAST Search History

S6	15303	barrel near5 (screw or thread)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:59
S7	521	barrel near5 (screw adj thread)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:59
S8	1	S1 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 09:59
S9	171	S7 and (probe or pin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:18
S10	2	S9 and test\$4 near5 semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:00
S11	2317	(screw adj thread) with (probe or pin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:18
S12	3	S11 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:19
S13	8632	324/765,158.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:19
S14	2	S11 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:20
S15	5706	324/754,756,757,758,761,762.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:20

## EAST Search History

S16	4	S11 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 10:21
S17	2	("6220870").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 10:21
S18	3	("5395254"   "5518410"   "5791914").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 10:39
S19	486	439/700,824.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 10:39
S20	77515	screw adj thread	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 10:40
S21	10	S19 and S20	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 10:40
S22	270	439/700.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:10
S23	159	439/824.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:30
S24	582333	rotat\$4 with pin or probe	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:33
S25	3029	S1 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:31
S26	216	S25 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:32

## EAST Search History

S27	58	S26 and spring and barrel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:32
S28	242080	rotat\$4 with (pin or probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:48
S29	368	S28 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:33
S30	49	S2 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:34
S31	4562	rotat\$4 near4 (up or down) with (pin or probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:48
S32	33	S15 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 11:49
S33	2	("5529510").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 13:20
S34	17681	(spiral or helical) with (pin or probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:22
S35	8632	324/765,158.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:22
S36	12	S35 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:23

## EAST Search History

S37	486	439/700,824.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 13:23
S38	10	S34 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:29
S39	17	("4105970"   "4307928"   "4340858"   "4622514"   "4686464"   "4700132"   "4851765"   "4885533"   "4937707"   "5032787"   "5057969"   "5159535"   "5204615"   "5391995"   "5435732"   "5519936"   "5557213").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 15:58
S40	2	("6,220,270").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 17:39